

# Pieter J. Mosterman

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2005		
14		Pieter J. Mosterman, Sameer Prabhu, Andrew Dowd, John Glass, Tom Erkkinen, John Kluza, Rohit Shenoy: Embedded Real-Time Control via MATLAB, Simulink, and xPC Target. <i>Handbook of Networked and Embedded Control Systems 2005</i> : 419-446
2003		
13	EE	Pieter J. Mosterman: Hybrid dynamic systems: mode transition behavior in hybrid dynamic systems. <i>Winter Simulation Conference 2003</i> : 623-631
2002		
12	EE	Pieter J. Mosterman, Hans Vangheluwe: Guest editorial: Special issue on computer automated multi-paradigm modeling. <i>ACM Trans. Model. Comput. Simul.</i> 12(4): 249-255 (2002)
2001		
11	EE	Pieter J. Mosterman: Diagnosis of Physical Systems with Hybrid Models Using Parametrized Causality. <i>HSCC 2001</i> : 447-458
2000		
10	EE	Pieter J. Mosterman, Gautam Biswas: Towards Procedures for Systematically Deriving Hybrid Models of Complex Systems. <i>HSCC 2000</i> : 324-337
9	EE	Pieter J. Mosterman, Gautam Biswas: A comprehensive methodology for building hybrid models of physical systems. <i>Artif. Intell.</i> 121(1-2): 171-209 (2000)
1999		
8	EE	Pieter J. Mosterman: An Overview of Hybrid Simulation Phenomena and Their Support by Simulation Packages. <i>HSCC 1999</i> : 165-177
7	EE	Pieter J. Mosterman, Gautam Biswas: Building Hybrid Observers for Complex Dynamic Systems Using Model Abstractions. <i>HSCC 1999</i> : 178-192
6		Pieter J. Mosterman, Gautam Biswas: Diagnosis of continuous valued systems in transient operating regions. <i>IEEE Transactions on Systems, Man, and Cybernetics, Part A</i> 29(6): 554-565 (1999)
1998		
5		Pieter J. Mosterman, Feng Zhao, Gautam Biswas: An Ontology for Transitions in Physical Dynamic Systems. <i>AAAI/IAAI 1998</i> : 219-224
1997		

4		Pieter J. Mosterman, <u>Gautam Biswas</u> : Monitoring, Prediction, and Fault Isolation in Dynamic Physical Systems. <u>AAAI/IAAI 1997</u> : 100-105
3	EE	Pieter J. Mosterman, <u>Feng Zhao</u> , <u>Gautam Biswas</u> : Sliding Mode Model Semantics and Simulation for Hybrid Systems. <u>Hybrid Systems 1997</u> : 218-237
2		Pieter J. Mosterman, <u>Gautam Biswas</u> : Formal Specifications for Hybrid Dynamical Systems. <u>IJCAI (1) 1997</u> : 568-577
1996		
1		Pieter J. Mosterman, <u>Gautam Biswas</u> : A Formal Hybrid Modeling Scheme for Handling Discontinuities in Physical System Models. <u>AAAI/IAAI, Vol. 2 1996</u> : 985-990

## Coauthor Index

1	<u>Gautam Biswas</u>	[1] [2] [3] [4] [5] [6] [7] [9] [10]
2	Andrew Dowd	[14]
3	Tom Erkkinen	[14]
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8	Hans Vangheluwe	[12]
9	Feng Zhao	[3] [5]

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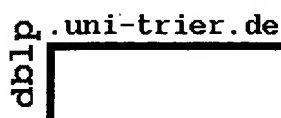
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 Michael Ley ([ley@uni-trier.de](mailto:ley@uni-trier.de)) Wed Dec 20 18:19:00 2006

## EAST Search History

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L1	17	(state with transition with model) same (continuous with system with model)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:21
L2	4	((state with transition with model) same (continuous with system with model)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:21
L3	13	L1 not L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:22
L4	12	MOSTERMAN-P MOSTERMAN-PIETER-J MOSTERMAN-P-J	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:23
S1	622	KONDO-KOICHI KONDO-KOICHI-INTELLECTUAL-PR OP	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 19:49
S2	8	S1 and (state with transition)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 19:50
S3	6	S2 and (continuous with model)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 19:50
S4	5	S1 and (state with transition).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 19:50
S5	4	S4 and (continuous with model). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 19:50

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S7	8	S6 and (state with transition)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 13:33
S8	17	(state with transition with model) same (continuous with system with model)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 17:21
S9	4	((state with transition with model) same (continuous with system with model)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 13:36



# Koichi Kondo

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1994		
2	EE	Yoshihito Koga, Koichi Kondo, James Kuffner, Jean-Claude Latombe: Planning motions with intentions. <i>SIGGRAPH 1994</i> : 395-408
1990		
1	EE	Koichi Kondo: PIGMOD: parametric and interactive geometric modeller for mechanical design. <i>Computer-Aided Design</i> 22(10): 633-644 (1990)

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1	Yoshihito Koga	[2]
2	James Kuffner	[2]
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## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. FMR study on spin-sprayed Ni-Zn-Co ferrite films with high permeability usable for GHz noise  
 Kondo, K.; Chiba, T.; Yoshida, S.; Okamoto, S.; Shimada, Y.; Matsushita, N.; Abe, M.;  
[Magnetics, IEEE Transactions on](#)  
 Volume 41, Issue 10, Oct. 2005 Page(s):3463 - 3465  
 Digital Object Identifier 10.1109/TMAG.2005.854884  
[AbstractPlus](#) | Full Text: [PDF](#)(176 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 2. Telemedicine using mobile satellite communication  
 Murakami, H.; Shimizu, K.; Yamamoto, K.; Mikami, T.; Hoshimiya, N.; Kondo, K.;  
[Biomedical Engineering, IEEE Transactions on](#)  
 Volume 41, Issue 5, May 1994 Page(s):488 - 497  
 Digital Object Identifier 10.1109/10.293224  
[AbstractPlus](#) | Full Text: [PDF](#)(1168 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 3. Cole-Cole impedance analysis on spin sprayed Ni-Zn-Co ferrite films exhibiting strong magnetic hysteresis  
 Kondo, K.; Chiba, T.; Ando, S.; Yoshida, S.; Shimada, Y.; Nakamura, T.; Matsushita, N.; Abe, M.;  
[Magnetics, IEEE Transactions on](#)  
 Volume 39, Issue 5, Part 2, Sept. 2003 Page(s):3130 - 3132  
 Digital Object Identifier 10.1109/TMAG.2003.816028  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(489 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 4. Use of hybrid models for testing and debugging control software for electromechanical systems  
 Kondo, K.; Yoshida, M.;  
[Mechatronics, IEEE/ASME Transactions on](#)  
 Volume 10, Issue 3, June 2005 Page(s):275 - 284  
 Digital Object Identifier 10.1109/TMECH.2005.848289  
[AbstractPlus](#) | Full Text: [PDF](#)(336 KB) IEEE JNL  
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- ☐ 5. Process Integration of 3D chip stack with vertical interconnection  
 Takahashi, K.; Taguchi, Y.; Tomisaka, M.; Yonemura, H.; Hoshino, M.; Ueno, M.; Egawa, Y.; Nemoto, T.;  
 Terao, H.; Umemoto, M.; Kameyama, K.; Suzuki, A.; Okayama, Y.; Yonezawa, T.; Kondo, K.;  
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 Volume 1, 1-4 June 2004 Page(s):601 - 609 Vol.1

Digital Object Identifier 10.1109/ECTC.2004.1319400

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6. Application of speed sensorless control to railway traction field

Yuki, K.; Hemmi, T.; Hasebe, T.; Yasuoka, I.; Kondo, K.; Matsuoka, K.;

[Power Conversion Conference, 2002, PCC Osaka 2002, Proceedings of the](#)

Volume 3, 2-5 April 2002 Page(s):1033 - 1038 vol.3

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7. Cole-Cole Impedance analysis on spin sprayed Ni-Zn-Co ferrite films exhibiting strong magnetic range

Kondo, K.; Ando, S.; Chiba, T.; Yoshida, S.; Shimada, Y.; Nakamura, T.; Matsushita, N.; Abe, M.;

[Magnetics Conference, 2003, INTERMAG 2003, IEEE International](#)

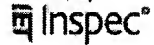
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## » Key

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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1. FMR study on spin-sprayed Ni-Zn-Co ferrite films with high permeability usable for GHz nols  
 Kondo, K.; Chiba, T.; Yoshida, S.; Okamoto, S.; Shimada, Y.; Matsushita, N.; Abe, M.;  
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 Volume 1, 1-4 June 2004 Page(s):601 - 609 Vol.1



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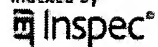
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